

CLAIMS

- 005240 FEB 95 60
1. A tyre removal machine with manually or automatically positionable turret comprising a casing supporting a rotatable plate provided with self-centering jaws; a vertical column rising to the side of the plate; a shaft slidable horizontally relative to the column and lockable in position; a sleeve rigid with said shaft and within which the ~~tool holder~~ turret slides vertically, said turret being associated with a spring which maintains the turret spaced from said plate; and pneumatic means for locking said shaft and said turret in position, characterised by comprising turret operating and locking means controlled independently by two three-way slide valves which can be switched between an active position in which the compressed air feed line communicates with the delivery lines of said turret operating and locking means, and an inactive position in which said delivery lines are connected to a discharge line respectively, said two slide valves being both associated with a single trigger, the operation of which switches them into their inactive position.
2. A machine as claimed in claim 1, characterised in that said turret operating means are a single-acting cylinder-piston unit.
3. A machine as claimed in claim 1, characterised in that said locking means are a strangling plate operated by a cylinder-piston unit.
4. A machine as claimed in claim 1, characterised in that the seats of said slide valves are integral with a handle.
5. A machine as claimed in claim 1, characterised in that when in its active position that slide valve provided for locking the turret also feeds the means for locking said horizontal shaft.
6. A machine as claimed in claim 5, characterised in that said means for locking said horizontal shaft are a strangling plate operated by a cylinder-piston unit.